

#15/D  
6-15-01  
52

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Alberto I. Roca

Serial No.: 09/358,103

Filed: July 21, 1999

For: Mutants of MAW Motifs of RecA  
Protein Homologs, Methods of  
Making Them, and Their Uses§  
§  
§  
§  
§  
§  
§  
§  
§

Group Art Unit: 1652

Examiner: Christian L. Fronda

Atty. Docket: ROCA-01

## SUPPLEMENTARY AMENDMENT

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

Amendments to the Claims

Applicant respectfully requests that the Examiner amend claims 1, 15, and 27, as follows:

- 1 1. (Twice amended) [In an *E. coli* RecA protein or a] A mutant RecA protein [having] homolog  
2 comprising a MAW motif homologous to the *E. coli* MAW motif[, a manufactured RecA  
3 homolog protein mutant] and having enhanced DNA binding activity compared to said  
4 protein's wildtype, wherein a naturally occurring amino acid residue located within [the] said  
5 protein's homolog of *E. coli* residues 40 to 65, inclusive, shown in SEQ ID NO: 3, is replaced  
6 with [a replacement] an amino acid residue which is volumetrically larger than the replaced  
7 amino acid residue.